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d.) Remarks

In the present amendment applicant has changed all the independent claims and many of the dependent claims to emphasize the real-world nature of the invention. These changes are in accordance with the discussion and accord reached in the telephone interview with Examiner Brier on Sept. 21, 2010. In particular, all independent claims now recite that the invention is a method that is practiced on a computer apparatus that has a processor and a display for portraying computer-generated graphic objects, and that the computer is controllable via user interactions with the graphic objects on the display. They further state that the graphic control devices are shown on the computer display, where they are controllable by a user to change their numeric values. Claim 1 also states that the first drawn arrow appears on the display, and that the chart components are shown on the display, the useful result being that each chart component visually represents a respective one of the numeric values set by the graphic control devices.

Thus claim 1 is recited as a method that takes place on a real-world machine; that it enables user inputs to the computer via graphic objects portrayed on the computer display, and that there is a transformation of the user inputs (numeric settings of graphic control devices, specifying type of chart, etc.) to a useful output; that is, a graphic chart having components scaled according to the input values from the graphic control devices and displayed for the benefit of the user.

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It is believed that the changes to claim 1 place it in a valid category of invention, and that the rejection under §101 has been overcome. Likewise, independent claims 3, 4, 10, 14, 15, 16, 17, 22, and 23 have been similarly amended, and should also have overcome the §101 rejection. In addition, many of the dependent claims have been amended to state that the recited elements are displayed on the computer display. Thus it is asserted that all claims are now allowable with respect to §101, and, given the fact there is no rejection over any prior art, all claims should now be allowable.

Applicant has also amended paragraph [0041] to update the reference to applicant's earlier patent application, which issued as US Patent no. 6,883, 145, issued in 2005. This patent provides a detailed discussion of the use of Arrow Logic and the definition of arrows and arrow configurations, so that the use of arrows in the present application may be fully understood.

This application in condition for issuance. Action toward that end is earnestly solicited.

Respectfully Submitted,

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